

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

PROPOSED

Title V / Synthetic Minor, Operating

Permit: V-07-009

Air Products and Chemicals, Inc.

Calvert City, KY 42029

September 5, 2007

Carolina Alonso, Reviewer

SOURCE ID: 21-157-00009

SOURCE A.I. #: 2915

ACTIVITY ID: APE20070001

SOURCE DESCRIPTION:

On February 28, 2007, the source has applied to the Division for the operation of a chemical manufacturing facility in Calvert City, Kentucky.

Air Products and Chemicals, Inc. (Air Products), Calvert City, is a chemical manufacturing plant. The source is a major source, as defined by 401 KAR 52:020 Title V Permits, for the potential emissions of over 100 tons per year of nitrogen oxides (NO_x), carbon monoxide (CO), and volatile organic compounds (VOC), the potential of a single hazardous air pollutant (HAP) greater than 10 tons per year, and the potential combined HAP emissions greater than 25 tons per year.

The source is also a major source, as defined by 401 KAR 51:017 Prevention of Significant Deterioration of Air Quality (PSD), for potential emissions of over 100 tons per year of NO_x, CO, and VOC.

PUBLIC AND AFFECTED STATE REVIEW:

The affected states (Illinois, Missouri, and Tennessee) were notified of the issuance of the draft permit on July 19, 2007 via e-mail. On August 1, 2007, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in *The Marshall County Tribune Courier* in Benton, Kentucky. The public comment period expired 30 days from the date of publication.